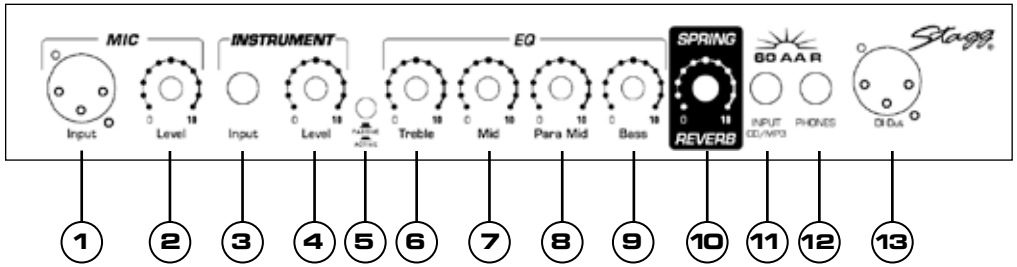


FRONT PANEL:

1. (Mic) INPUT: This is a balanced XLR input for connecting a dynamic microphone. This can be a vocal mic to sing into while you play, or alternatively an instrument mic to amplify an all-acoustic instrument that does not feature an onboard preamp system. You may also use this input to connet an electro-acoustic instrument with a balanced output signal.

2. (Mic) LEVEL: This control determines the output volume of the sound picked up by a microphone, if one is used.

3. (Instrument) INPUT: This is a 1/4" (Ø 6.3 mm) input jack socket for plugging in an electro-acoustic instrument. We recommend that you always use a high-quality shielded guitar cable to prevent any background noise interference or unwanted feedback.

4. (Instrument) LEVEL: This control determines the output volume of any instrument plugged into the amplifier via the guitar input jack.

5. PASSIVE/ACTIVE SWITCH: This switch enables the user to choose between passive and active modes according to whether the instrument connected is passive (without preamp) or active (with preamp).

6. TREBLE: This control determines the level of high frequencies in the output signal. Adding TREBLE will make your guitar sound brighter and sharper.

7. MID: This control determines the level of middle frequencies in the output signal. Adding MID will make your guitar sound rounder and fuller.

8. PARAMETRIC MID: This control allows you to fine tune your guitar sound by cutting or boosting the mid frequency parameters of the output signal. At a low level, the PARAMETRIC MID control will emphasize the lower mids, while increasing the level will bring out the upper mids. The PARAMETRIC MID control can help you explore a wide variety of different guitar tones.

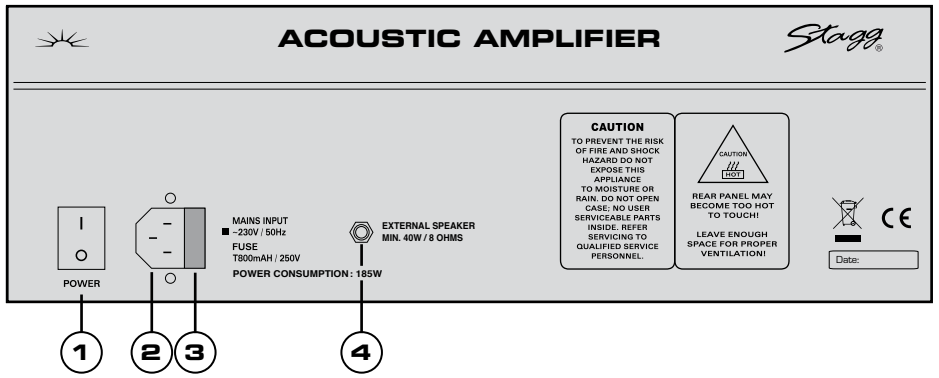
9. BASS: This control determines the level of low frequencies in the output signal. Adding BASS will make your guitar sound warmer and heavier.

10. SPRING REVERB: This is the reverb intensity control. This controls the amount of reverb that is added back to the original dry signal. Adding REVERB will produce a reverberation effect in your instrument sound, as though you were playing in a large hall. A little can go a long way in adding that special depth to your sound. If engaged, the reverb is always active in both microphone and guitar channels.

11. CD/MP3 INPUT: This is a line level 1/4" (Ø 6.3 mm) stereo jack into which an MP3/CD/Tape player may be connected.

12. PHONES: This is a 1/4" (Ø 6.3 mm) stereo jack output to connect the headphones. When headphones are connected, no sound is produced from the speaker.

13. DI OUTPUT: This is a line level, balanced XLR output that enables you to connect the amplifier directly to a recording or mixing console.


ACOUSTIC AMPLIFIER
CAUTION
TO PREVENT THE RISK OF FIRE AND SHOCK HAZARD DO NOT EXPOSE THIS APPLIANCE TO MOISTURE OR RAIN. DO NOT OPEN CASE; NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.
CAUTION HOT
REAR PANEL MAY BECOME TOO HOT TO TOUCH!
LEAVE ENOUGH SPACE FOR PROPER VENTILATION!
POWER
MAINS INPUT
~230V / 50Hz
FUSE
T800mAH / 250V
POWER CONSUMPTION : 185W
EXTERNAL SPEAKER
MIN. 40W / 8 OHMS
Date:
1
2
3
4

BACK PANEL:

WARNING: This amplifier must be earthed. Please check that the supply voltage details given on the rating label (located on the rear panel) are in accordance with your electricity supply.

(1) **POWER SWITCH:** This switch turns the amplifier on or off.

(2) **MAINS INPUT:** This is the input socket into which the mains power cable must be connected. This amplifier is supplied with a power cable with a moulded-on plug. If the socket outlets in the home are not suitable for this plug, use an appropriate plug adapter that can handle the power required for the amplifier.

(3) **POWER FUSE:** In the event of the power fuse having to be replaced, first unplug the power cable from the mains outlet. Then remove the fuse cover and replace the power fuse with another fuse of the same type and value. Never plug the power cable back into the mains outlet without the fuse cover. If the power fuse blows up again when powering on the amplifier, take the apparatus to a suitable service centre for repair.

(4) **EXTERNAL SPEAKER OUTPUT:** This is a 1/4" output jack with which you can connect an external speaker cabinet, if desired. This output is adapted for an 8 Ohm impedance load. The external speaker must therefore have a minimum impedance of 8 Ohms and a minimum power handling of 40 watts. **Under no circumstances should you connect a 4 Ohm speaker cabinet**, as this can severely damage your amplifier. A 16 Ohm cabinet will present no danger, though the full power of the amplifier will be slightly compromised. Always use a properly designated speaker cable and **NOT a guitar cable** when connecting external speakers.

TECHNICAL SPECIFICATIONS	
Max. Rated Power / Loudspeaker	60 Watts RMS @ 4 Ohms load/ 10" (8 Ohms) internal Speaker w/ Coaxial Tweeter + 8 Ohms external Speaker
Frequency Response	20 Hz to 20 kHz
Total Harmonic Distortion	1.0%
Signal to Noise Ratio	- 64 dB @ max Rated Power
Input Impedance	100k Ohms
Power Consumption	185 Watts max
Maximum Input Level	80 mV (RMS)
Maximum Gain	27 dB (@ 1kHz)
Dimensions (H x W x D)	45 x 49 x 27 cm / 17.7 x 19.3 x 10.6 in.
Weight	20 kg / 44.1 lb

Features and Specifications are subject to change without notice.

INSTRUCTIONS FOR USE:

Plug the mains lead into a suitable power socket and connect your instrument to the input socket of the amplifier with a suitable guitar lead (this lead is not supplied with the amplifier, but is normally supplied with the guitar). You may also plug a microphone into the XLR input provided. If connecting a microphone, please ensure that the volume level is set low before turning on the amplifier, as feedback can otherwise result, possibly causing damage to the speaker. Finally, press the Power Switch to the ON position, the power LED will glow and your amplifier is ready for use.

IMPORTANT SAFETY INSTRUCTIONS:

READ AND KEEP THESE INSTRUCTIONS HEED ALL WARNING.

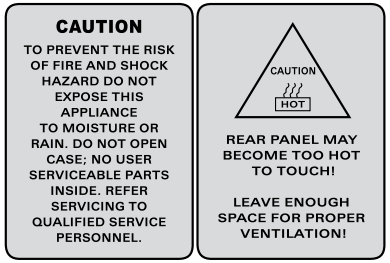
• If, after you have followed the instructions outlined above, your amplifier fails to function, please contact your dealer. Under no circumstances should the amplifier be opened. Leave all servicing to qualified personnel.

• Electrical appliances must never be used in conditions of high humidity or heat.

To prevent any risk of fire or electric shock, never spill or splash liquids on the amplifier.

Should this happen, unplug the power cable from the mains outlet immediately.

• We would like to draw your intention to the instructions printed on the notice attached to the back of the amplifier.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CAUTION
HOT
REAR PANEL MAY BECOME TOO HOT TO TOUCH!
LEAVE ENOUGH SPACE FOR PROPER VENTILATION!

• Exposure to extremely high noise levels may cause permanent hearing damage (especially when using headphones). Please use this amplifier responsibly for you and your neighbourhood.

MARKING & CONFORMITY:

1. The CE mark on this product means it conforms to the EMC Directive (89/69/EEC), CE marking Directive (93/68/EEC) and Low Voltage Directive (72/23/EEC).

2. The «Crossed-out Wheeled Bin» is to draw your attention to the WEEE (Waste Electric & Electronic Equipment) Directive (2002/96/EC). It means this apparatus must be collected separately for recycling.

3. «RoHS compliant» means this device conforms to the Directive (2002/95EC) on the restriction of the use of certain hazardous substances in electrical and electronic equipments, such as: Mercury, Lead, Cadmium, Hexavalent Chromium, Polybrominated Buphenyl (PBB) and Polybrominated Diphenyl Esthers (PBDE).

DISTRIBUTOR / DEALER

RoHS compliant

EMD Music 01-2008-UK

USER'S MANUAL

ACOUSTIC GUITAR AMPLIFIER

W/ SPRING REVERB - 60 AA R